

Hajer Elkout  
Tel: 00218214835915  
Mobile: 00218925163746  
E-mail: [h.elkout@yahoo.com](mailto:h.elkout@yahoo.com)

## SUMMARY

Detail-orientated, dedicated university professor with a strong interest in applied public health and experience in: Epidemiology • Policy evaluation • Data collection and analysis • Program management and implementation. Strong planning, organising and monitoring abilities, - an efficient time-manager

---

## EDUCATION

University of Aberdeen, Aberdeen, UK 2008 – 2011  
PhD Medicine and Therapeutics.

*“Pharmaco-epidemiology, Effectiveness and Adherence to Therapy in Childhood Asthma: Utility of Routinely Acquired Primary Care Data”*

University of Aberdeen, Aberdeen, UK 2006 – 2007  
MSc Clinical Pharmacology.

Tripoli University, Tripoli, Libya. 1989 – 1995  
MBBCH.

---

## OTHER COURSES

- An Introduction to R/Advanced Statistical Methods.
  - An Introduction to STATA
  - Applied statistics course/SPSS.
  - ICD training workshop.
  - IRIS, capacity building workshop in iris automated coding ICD-10 of causes of death
  - Civil registration and vital statistics workshop
  - Asthma awareness day/workshop.
  - Basic and advanced Microsoft Access courses.
  - Advanced Pharmaco-epidemiology course.
  - Concepts of evidence-based medicine, information mastery, and critical appraisal of medical literature.
  - Advanced courses in Access databases, Excel, PowerPoint and Word.
  - Information skills training course (searching bibliographic database and use of Refworks software)
  - Attended courses on communication skills, presentation skills, writing project proposals, writing scientific papers, mentor training and student demonstrating.
- 

## EMPLOYMENT HISTORY

01/2018 –Present Medical faculty, Tripoli University.  
Assistant Professor

01/2015 –08/2017 Project coordinator	Centre of Health Information, Ministry of Health.
01/2014 –8/2017 Lecturer	Medical faculty, Tripoli University.
09/2012 – 01/2015 Specialist	Paediatric clinic, <i>Alqadisya</i> polyclinic, Tripoli, Libya.
01/2012-04/2012 Post-doctoral research fellow Project title: “Assessing prescribing of antibiotics in children with asthma using PCCIU database”	Department of Child Health, University of Aberdeen.
05/2003 –05/ 2006 Senior Registrar	Paediatric clinic, <i>Alqadisya</i> polyclinic, Tripoli, Libya.
01/2000 – 04/2003 Senior Registrar	Paediatric clinic, <i>Zawiat aldahmany</i> polyclinic, Tripoli, Libya.
01/1999 – 01/2000 Senior Registrar	Dept of Paediatrics, Tripoli Medical Centre, Tripoli, Libya.
01/1998 – 01/1999 Registrar	Dept of child health, Salah Eldin hospital, Tripoli, Libya.
01/1997 – 01/1998 SHO	Dept of child health, Salah Eldin hospital, Tripoli, Libya.

---

## KEY COMPETENCIES AND SKILLS

- Healthcare databases
  - Experience in the generation and analysis of clinical data.
  - Designed, created and managed large healthcare databases at hospital and primary care levels.
  - Expert in gathering and defining functional requirements, creating trend charts and other decision-making tools.
- Research skills
  - Quantitative research skills.
  - Expertise of data management and processing.
  - Skilled in bibliographic database searching and the use of Refworks database manager software.
  - Proven knowledge of complex statistical methods and proficiency in using statistical software specially SPSS application.
- IT skills
  - Full computer literacy in word processing.
  - Extensive knowledge of spreadsheets, access databases and database tools.

- Language skills
  - Fluent in English (both written and verbal), Arabic native speaker with basic speaking competence in Modern Greek.
  
- Other skills
  - Ability to prioritise own work in response to deadlines.
  - Effective ability to plan research and organise tasks.
  - Capability to resolve problems independently and collaborate effectively in a team.
  - Ability to seek and find solutions to challenges - exceptionally positive attitude.
  
- Teaching Responsibilities
  - Assist and support other academic staff in implementing daily programs.
  - Develop, write examinations and participate in oral and practical examination. Also, follow up and evaluate students' research proposals and coursework.
  - Assist undergraduate and postgraduate students with course material and research projects during/after office hours.
  - Contribute to the development of curriculum for public health department.
  - Run practical session is and discussions in statistics, health information and epidemiology.
  
- Voluntary work
  - EU-funded Libyan Health System Strengthening Programme (EU-LHSS) as a health information systems and primary care expert.
  - ICD 10 training for clinicians and under-graduate medical students.
  - Training and teaching of Medical graduates in Evidence-based-Medicine.

---

## MEMBERSHIP

01/2020- Present                      Epidemiologist at National Immunization Technical Advisory Group (NITAG)

---

## PUBLISHED PAPERS

Naina Mohamed, I., Helms, P. J. B., Simpson, C., Mohammed, B. S., **Elkout, H.**, *et al* Paediat Pharmacoepidemiology Study (2009). Assessing medicines persistence and tolerability using routinely collected prescribing data. *Basic and Applied Ecology*, 105(S1), 98. <https://doi.org/10.1111/j.1742-7843.2009.00437>.

H Elkout, C Simpson, J McLay, P J Helms. A retrospective observational study comparing rescue medication use in children on combined versus separate long-acting  $\beta$ -agonists and corticosteroids. *Archives of diseases in childhood*. 2010 Oct;95(10):817-21.

H Elkout, C Simpson, J McLay, P J Helms. Use and safety of long-acting  $\beta$ -agonists for paediatric asthma. *Pediatric Health* 2010;4(3):295-310.

H Elkout, PJ Helms. Commentary on 'Regular treatment with formoterol and inhaled steroids for chronic persistent asthma: serious adverse events'. *Evidence Based Child Health* 2010;5:1545–1546.

Elkout, H., McLay, JS., Simpson, CR. & Helms, PJ. (2010). 'British Asthma Guideline Revision Does Affect Prescribing Patterns in Children'. *Thorax*, vol 65, no. Suppl. 4, pp. A108-A109.

H Elkout, C Simpson, P J Helms, J S McLay. Changes in primary care prescribing patterns for paediatric asthma: A prescribing database analysis. *Archives of diseases in childhood* 2012 ; 97 : 521 – 5.

H Elkout, P J Helms, C Simpson, J S McLay. Association between Adherence and rescue medication use in asthmatic children: Retrospective prescribing database analysis. . *PLoS ONE* 7(6): e39130. doi:10.1371/journal.pone.0039130.

M R El-hamadi, H Elkout . Assessment of health care waste management at primary health care centers in Tripoli. *Medical Research Conference* 2016;(1):100-103.

J Elamouri, H Elkout. Chronic kidney disease associated anaemia among adults in Libya: an epidemiological pattern. *Medical Research Conference* 2017;(2):109-116.

S Abusrewil, M Abugalia, A Almkadmi, A Bashen, H Elkout, I Hadid, Z Elshanta, Seroprevalence of pertussis in school-entry age children in Libya, a cross-sectional study. *Journal of Paediatric Infection*. 2018;12(3):e105-e109. DOI: 10.5578/ced.67229

GBD 2016 Lower Respiratory Infections Collaborators\*. Estimates of the global, regional, and national morbidity, mortality, and aetiologies of lower respiratory infections in 195 countries, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. *The Lancet* (18)30310-4 Published online September 19, 2018. [www.thelancet.com/infection](http://www.thelancet.com/infection). <http://dx.doi.org/10.1016/S1473-3099>

\* **Dr Hajer Elkout is one of the collaborators.**

GBD 2017 Disease and Injury Incidence and Prevalence Collaborators\*. Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. *Lancet*. 2018;392 (10159):1789-1858. doi:10. 1016/S0140-6736(18)32279-7

\* **Dr Hajer Elkout is one of the collaborators.**

GBD 2017 Cause of Death Collaborators\*. Global, regional, and national age-specific and sex-specific mortality for 282 causes of death in 195 countries and territories, 1980–2017: a systematic analysis for the Global Burden of Disease Study 2017. *Lancet* 2018; 392: 1736–88.

\* **Dr Hajer Elkout is one of the collaborators.**

M R El-hamadi, H Elkout, M Gusbi, M Aisa. Breast cancer awareness, knowledge, beliefs and practice among Libyan women (2016). *Journal of Scientific Research & Reports*. 2019;24 (1):1-8.

Global Burden of Disease Cancer Collaboration\*. Global, Regional, and National Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and Disability-Adjusted Life-Years for 29 Cancer Groups, 1990 to 2017: A Systematic Analysis for the Global Burden of Disease Study. *JAMA*. Published online September 27, 2019.

*JAMA Oncol.* doi: [10.1001/jamaoncol.2019.2996](https://doi.org/10.1001/jamaoncol.2019.2996)

\* Dr Hajer Elkout is one of the collaborators.

H Elkout. Libyan Cause of Death Report: Analysis of cause of death data for two years 2016-2017. Health Information Centre, Ministry of Health-Libya. 2019. [http://seha.ly/en/wp-content/uploads/2020/01/Death-Certification-report\\_FINAL.pdf](http://seha.ly/en/wp-content/uploads/2020/01/Death-Certification-report_FINAL.pdf)

H Elkout, H D Buni, M R Elhamadi. Age and Mortality From COVID 19 Infection: A Review of the Current Literature. *International Journal of Multidisciplinary Sciences and Advanced Technology*. 2020; 1: (Special Issue No 3) 26–31

### **Published conference abstracts**

H Elkout, C Simpson, J McLay, P J Helms. Increased requirement for oral steroids in children using separate long acting beta agonist and steroid inhalers. British Thoracic Society winter meeting. London. December 2008.

H Elkout, MJ Macleod. Do uric acid level and glomerular filtration rate predict outcome in acute stroke patients?" Scottish Society Experimental Medicine. Aberdeen. May 2009.

H Elkout, C Simpson, J McLay, P J Helms. Children with asthma require less rescue medication if prescribed long-acting  $\beta_2$ -agonists and inhaled corticosteroids in fixed dose combination. Scottish Paediatric Society, St Andrews day symposium. Edinburgh. November 2009.

H Elkout, C Simpson, P J Helms, J S McLay. Off-label prescribing of inhaled corticosteroids to children with asthma in primary care. British Pharmacological Society meeting. London. December 2009.

H Elkout, C Simpson, J McLay, P J Helms. British asthma guideline revision does affect prescribing patterns in children. British Thoracic Society winter meeting. London. December 2010.

H Elkout. Reporting and monitoring: the role of health information systems. National Consultative Workshop - A Vision for Primary Health Care. Tripoli. September 2013.

H Elkout. Libyan Health Information System: Assessment and roadmap of priority actions. Tunis. May 2017

H ELkout. Risk mapping analysis in Libya. MediPIET Emergency Preparedness Programme. Beirut. September 2017.

H Elkout. Development of Health Information Strategy for Libya. Tunis, Novemeber 2017.